



the hallicrafters co.

MANUFACTURERS OF RADIO AND TELEVISION EQUIPMENT, CHICAGO 26, U.S.A.

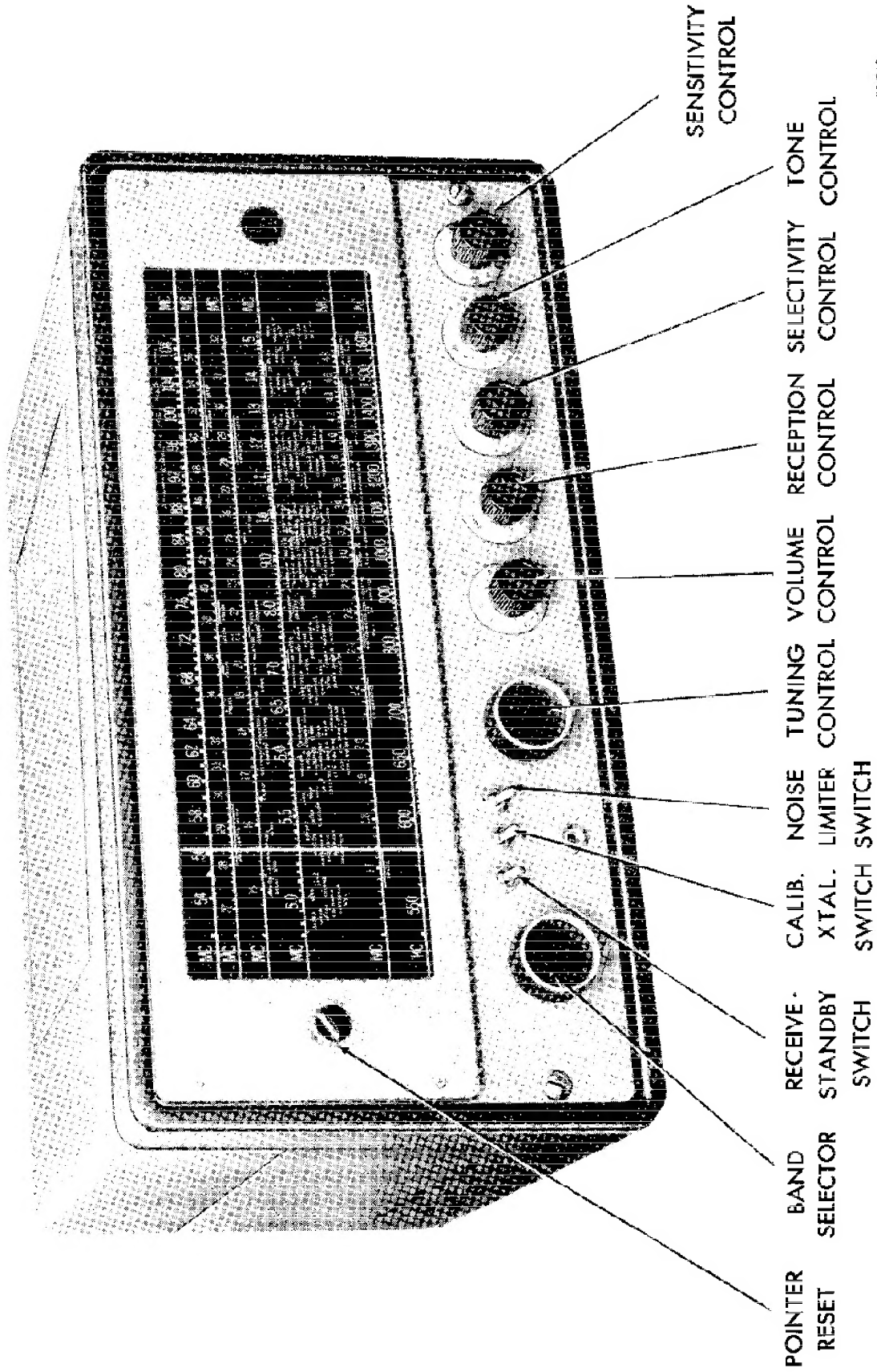
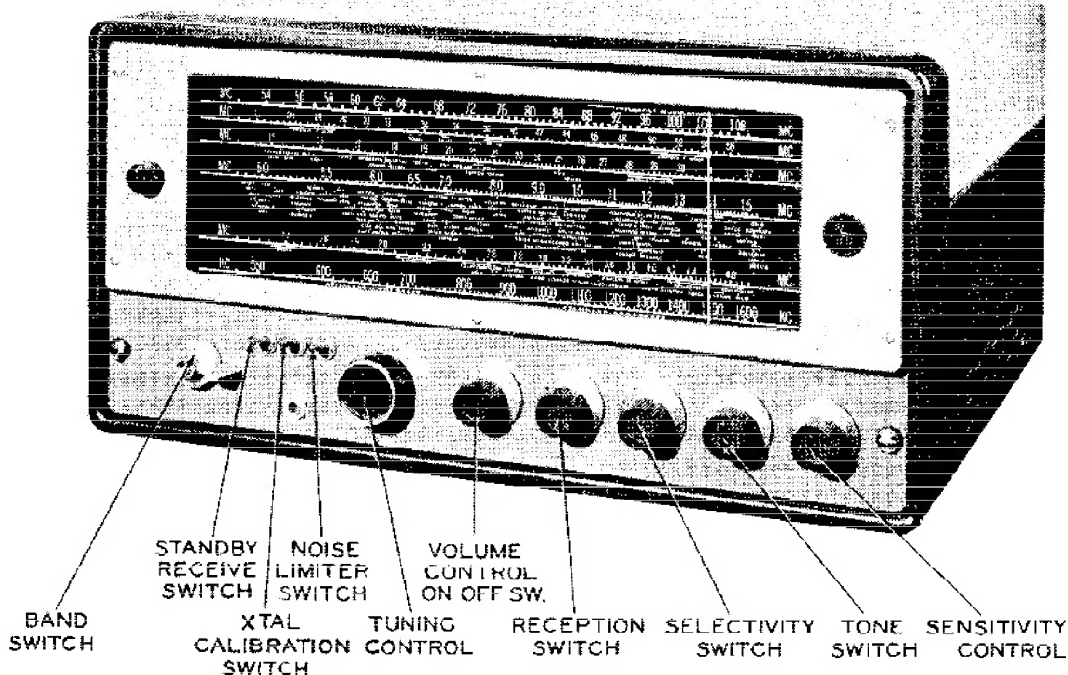


Fig. 1. Radio Receiver Model SX-62/62H



**HALLICRAFTERS
MODEL SX-62**

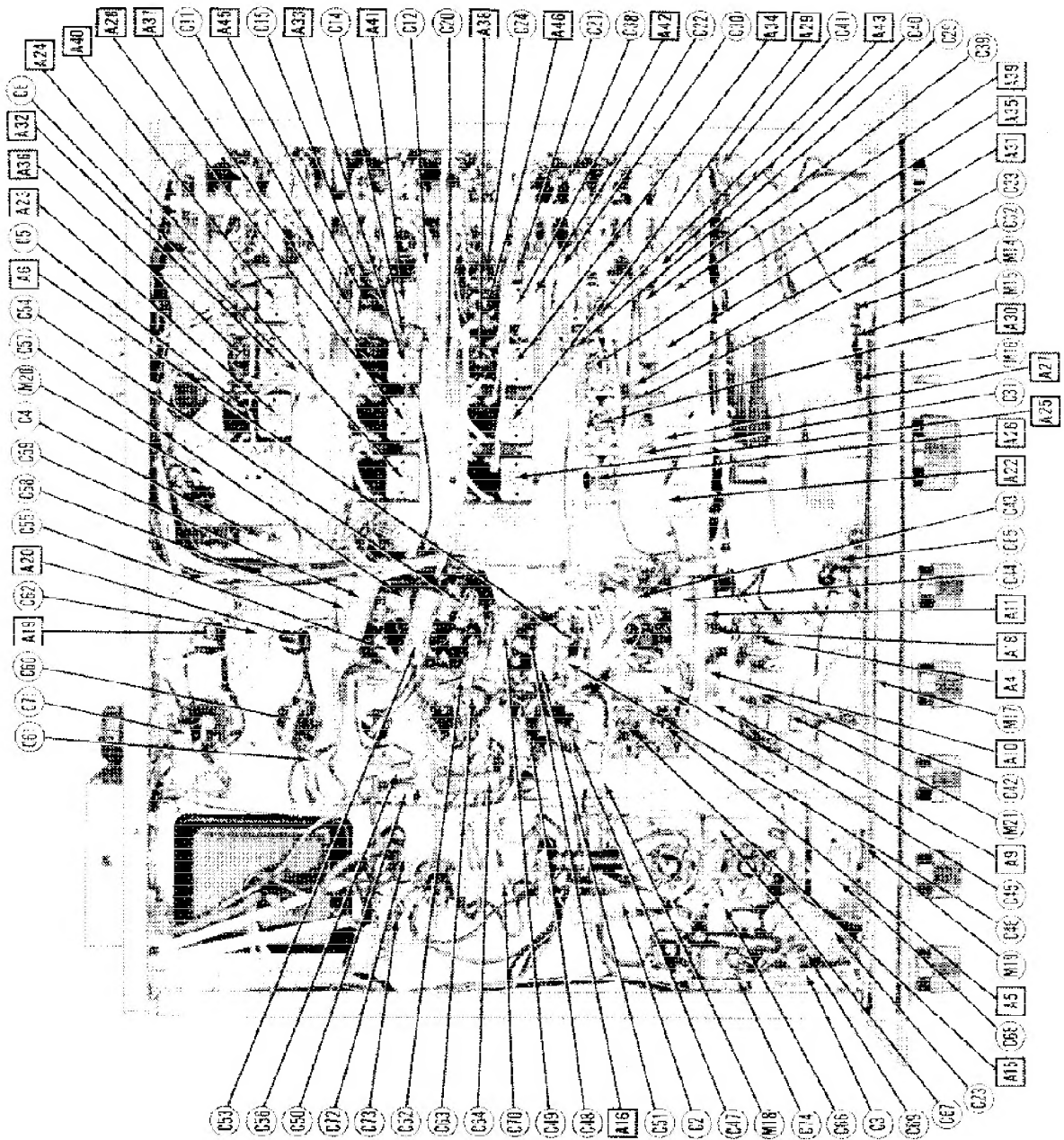
HALLICRAFTERS MODEL SX-62

TRADE NAME Hallcrafters, Model SX-62
MANUFACTURER The Hallcrafters Co., 5th & Kostner Avenues, Chicago 24, Illinois
TYPE SET AC Operated Multi-Band AM-FM Superheterodyne Receiver
TUBES (SIXTEEN) Types 6C4 XTAL Calib. Osc., 6AG5 1st RF Amp., 6AG5 2nd RF Amp., 7F8 Converter, 6BK7 1st IF Amp., 6BK7 2nd IF Amp., 757 3rd IF Amp., 7H7 4th IF Amp.-AM DET-AVC, 6H6 Discriminator, 7A4 CW Beat Osc., 6H6 Noise Limiter, 6SL7GT AF-Phase Inv. (2) 6V6GT Power Output, 6B5/VR 150 Voltage Regulator, 5Y4G Rectifier
POWER SUPPLY 105-125 Volts AC **RATING** .98 amp., @ 117 Volts AC
TUNING RANGE Band #1 550-1620KC, Band#2 1.62-4.9MC, Band#3 4.9-15MC, Band#4 15-82MC, Band#5 27-56MC AM-FM, Band#6 54-100MC AM-FM

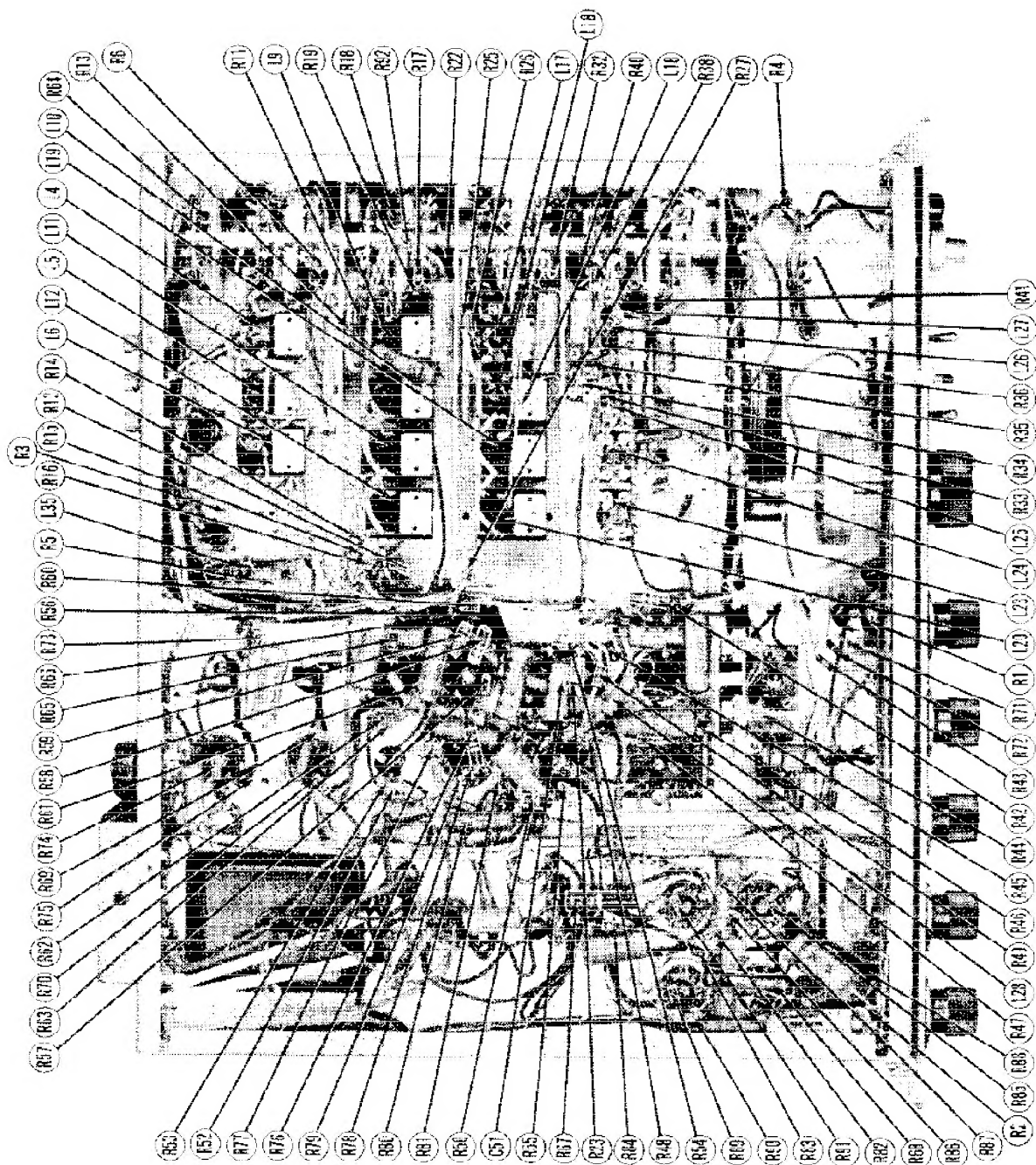
HOWARD W. SAMS & CO., INC. • Indianapolis Indiana

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PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		RMA BASE TYPE	NOTES
		WALL CROPPERS PART No.	STANDARD REPLACEMENT		
1	STIAL. COLLID. GEAR.	504	624	380	
2	1st IF AMP.	8633	8635	7ED	
3	2nd IF AMP.	8635	8635	7ED	
4	Converter	748	748	836	
5	1st IF AMP.	8637	8637	9K	
6	2nd IF AMP.	8637	8637	9K	
7	3rd IF AMP.	787	757	34	
8	4th IF AMP.	757	757	3V	
9	Detector	616	616	540	
10	CA Beat. Osc.	744	744	540	
11	Noise Limiter	616	616	70	
12	AP-phase Inv.	6347	6347	700	
13	Power Output	6362	6362	700	
14	Power Output	6400	6400	740	
15	Voltage Regs.	036V-150	036V-150	440	
16	Fertilizer	440	440	50	

CAPACITORS

Capacity values given in the rating column are in mfd. for electrolytic and microfarads for mica and ceramic capacitors.

and Paper Capacitors - One or more of the following										
Item No.	Rating Cap	Volt	Half-Craft Part No.	NEOVIX Part No.	Cornell-Dubilier Part No.	Replacement Data		Solar Panel No.	Spague Part No.	Identification Codes
						Part No.	Part No.			Installation Notes
21A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
21B	30	450								Filter
21C	30	450								Filter
22A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
22B	30	450								Filter
22C	30	450								Filter
23A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
23B	30	450								Filter
23C	30	450								Filter
24A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
24B	30	450								Filter
24C	30	450								Filter
25A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
25B	30	450								Filter
25C	30	450								Filter
26A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
26B	30	450								Filter
26C	30	450								Filter
27A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
27B	30	450								Filter
27C	30	450								Filter
28A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
28B	30	450								Filter
28C	30	450								Filter
29A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
29B	30	450								Filter
29C	30	450								Filter
30A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
30B	30	450								Filter
30C	30	450								Filter
31A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
31B	30	450								Filter
31C	30	450								Filter
32A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
32B	30	450								Filter
32C	30	450								Filter
33A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
33B	30	450								Filter
33C	30	450								Filter
34A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
34B	30	450								Filter
34C	30	450								Filter
35A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
35B	30	450								Filter
35C	30	450								Filter
36A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
36B	30	450								Filter
36C	30	450								Filter
37A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
37B	30	450								Filter
37C	30	450								Filter
38A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
38B	30	450								Filter
38C	30	450								Filter
39A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
39B	30	450								Filter
39C	30	450								Filter
40A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
40B	30	450								Filter
40C	30	450								Filter
41A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
41B	30	450								Filter
41C	30	450								Filter
42A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
42B	30	450								Filter
42C	30	450								Filter
43A	30	450	4830A-13	4844A-14A	4844A-14	4844A-14	4844A-14	10-213	10-210	Filter
43B	30	450								Filter
43C	30	450								Filter

RESISTORS

PARTS LIST AND DESCRIPTIONS (Continued)

ITEM NO.	RATING	REPLACEMENT DATA		IDENTIFICATION CODES	
		WATTS	PART NO.	RC	PART NO.
10000	20000	REPOB1224	37S-1200		2nd IF Decoupling
10001	20001	REPOB1225	37S-1200		2nd IF Decoupling
10002	20002	REPOB1226	37S-1200		2nd IF Decoupling
10003	20003	REPOB1227	37S-1200		2nd IF Decoupling
10004	20004	REPOB1228	37S-1200		2nd IF Decoupling
10005	20005	REPOB1229	37S-1200		2nd IF Decoupling
10006	20006	REPOB1230	37S-1200		2nd IF Decoupling
10007	20007	REPOB1231	37S-1200		2nd IF Decoupling
10008	20008	REPOB1232	37S-1200		2nd IF Decoupling
10009	20009	REPOB1233	37S-1200		2nd IF Decoupling
10010	20010	REPOB1234	37S-1200		2nd IF Decoupling
10011	20011	REPOB1235	37S-1200		2nd IF Decoupling
10012	20012	REPOB1236	37S-1200		2nd IF Decoupling
10013	20013	REPOB1237	37S-1200		2nd IF Decoupling
10014	20014	REPOB1238	37S-1200		2nd IF Decoupling
10015	20015	REPOB1239	37S-1200		2nd IF Decoupling
10016	20016	REPOB1240	37S-1200		2nd IF Decoupling
10017	20017	REPOB1241	37S-1200		2nd IF Decoupling
10018	20018	REPOB1242	37S-1200		2nd IF Decoupling
10019	20019	REPOB1243	37S-1200		2nd IF Decoupling
10020	20020	REPOB1244	37S-1200		2nd IF Decoupling
10021	20021	REPOB1245	37S-1200		2nd IF Decoupling
10022	20022	REPOB1246	37S-1200		2nd IF Decoupling
10023	20023	REPOB1247	37S-1200		2nd IF Decoupling
10024	20024	REPOB1248	37S-1200		2nd IF Decoupling
10025	20025	REPOB1249	37S-1200		2nd IF Decoupling
10026	20026	REPOB1250	37S-1200		2nd IF Decoupling
10027	20027	REPOB1251	37S-1200		2nd IF Decoupling
10028	20028	REPOB1252	37S-1200		2nd IF Decoupling
10029	20029	REPOB1253	37S-1200		2nd IF Decoupling
10030	20030	REPOB1254	37S-1200		2nd IF Decoupling
10031	20031	REPOB1255	37S-1200		2nd IF Decoupling
10032	20032	REPOB1256	37S-1200		2nd IF Decoupling
10033	20033	REPOB1257	37S-1200		2nd IF Decoupling
10034	20034	REPOB1258	37S-1200		2nd IF Decoupling
10035	20035	REPOB1259	37S-1200		2nd IF Decoupling
10036	20036	REPOB1260	37S-1200		2nd IF Decoupling
10037	20037	REPOB1261	37S-1200		2nd IF Decoupling
10038	20038	REPOB1262	37S-1200		2nd IF Decoupling
10039	20039	REPOB1263	37S-1200		2nd IF Decoupling
10040	20040	REPOB1264	37S-1200		2nd IF Decoupling
10041	20041	REPOB1265	37S-1200		2nd IF Decoupling
10042	20042	REPOB1266	37S-1200		2nd IF Decoupling
10043	20043	REPOB1267	37S-1200		2nd IF Decoupling
10044	20044	REPOB1268	37S-1200		2nd IF Decoupling
10045	20045	REPOB1269	37S-1200		2nd IF Decoupling
10046	20046	REPOB1270	37S-1200		2nd IF Decoupling
10047	20047	REPOB1271	37S-1200		2nd IF Decoupling
10048	20048	REPOB1272	37S-1200		2nd IF Decoupling
10049	20049	REPOB1273	37S-1200		2nd IF Decoupling
10050	20050	REPOB1274	37S-1200		2nd IF Decoupling
10051	20051	REPOB1275	37S-1200		2nd IF Decoupling
10052	20052	REPOB1276	37S-1200		2nd IF Decoupling
10053	20053	REPOB1277	37S-1200		2nd IF Decoupling
10054	20054	REPOB1278	37S-1200		2nd IF Decoupling
10055	20055	REPOB1279	37S-1200		2nd IF Decoupling
10056	20056	REPOB1280	37S-1200		2nd IF Decoupling
10057	20057	REPOB1281	37S-1200		2nd IF Decoupling
10058	20058	REPOB1282	37S-1200		2nd IF Decoupling
10059	20059	REPOB1283	37S-1200		2nd IF Decoupling
10060	20060	REPOB1284	37S-1200		2nd IF Decoupling
10061	20061	REPOB1285	37S-1200		2nd IF Decoupling
10062	20062	REPOB1286	37S-1200		2nd IF Decoupling
10063	20063	REPOB1287	37S-1200		2nd IF Decoupling
10064	20064	REPOB1288	37S-1200		2nd IF Decoupling
10065	20065	REPOB1289	37S-1200		2nd IF Decoupling
10066	20066	REPOB1290	37S-1200		2nd IF Decoupling
10067	20067	REPOB1291	37S-1200		2nd IF Decoupling
10068	20068	REPOB1292	37S-1200		2nd IF Decoupling
10069	20069	REPOB1293	37S-1200		2nd IF Decoupling
10070	20070	REPOB1294	37S-1200		2nd IF Decoupling
10071	20071	REPOB1295	37S-1200		2nd IF Decoupling
10072	20072	REPOB1296	37S-1200		2nd IF Decoupling
10073	20073	REPOB1297	37S-1200		2nd IF Decoupling
10074	20074	REPOB1298	37S-1200		2nd IF Decoupling
10075	20075	REPOB1299	37S-1200		2nd IF Decoupling
10076	20076	REPOB1300	37S-1200		2nd IF Decoupling
10077	20077	REPOB1301	37S-1200		2nd IF Decoupling
10078	20078	REPOB1302	37S-1200		2nd IF Decoupling
10079	20079	REPOB1303	37S-1200		2nd IF Decoupling
10080	20080	REPOB1304	37S-1200		2nd IF Decoupling
10081	20081	REPOB1305	37S-1200		2nd IF Decoupling
10082	20082	REPOB1306	37S-1200		2nd IF Decoupling
10083	20083	REPOB1307	37S-1200		2nd IF Decoupling
10084	20084	REPOB1308	37S-1200		2nd IF Decoupling
10085	20085	REPOB1309	37S-1200		2nd IF Decoupling
10086	20086	REPOB1310	37S-1200		2nd IF Decoupling
10087	20087	REPOB1311	37S-1200		2nd IF Decoupling
10088	20088	REPOB1312	37S-1200		2nd IF Decoupling
10089	20089	REPOB1313	37S-1200		2nd IF Decoupling
10090	20090	REPOB1314	37S-1200		2nd IF Decoupling
10091	20091	REPOB1315	37S-1200		2nd IF Decoupling
10092	20092	REPOB1316	37S-1200		2nd IF Decoupling
10093	20093	REPOB1317	37S-1200		2nd IF Decoupling
10094	20094	REPOB1318	37S-1200		2nd IF Decoupling
10095	20095	REPOB1319	37S-1200		2nd IF Decoupling
10096	20096	REPOB1320	37S-1200		2nd IF Decoupling
10097	20097	REPOB1321	37S-1200		2nd IF Decoupling
10098	20098	REPOB1322	37S-1200		2nd IF Decoupling
10099	20099	REPOB1323	37S-1200		2nd IF Decoupling
10100	20100	REPOB1324	37S-1200		2nd IF Decoupling
10101	20101	REPOB1325	37S-1200		2nd IF Decoupling
10102	20102	REPOB1326	37S-1200		2nd IF Decoupling
10103	20103	REPOB1327	37S-1200		2nd IF Decoupling
10104	20104	REPOB1328	37S-1200		2nd IF Decoupling
10105	20105	REPOB1329	37S-1200		2nd IF Decoupling
10106	20106	REPOB1330	37S-1200		2nd IF Decoupling
10107	20107	REPOB1331	37S-1200		2nd IF Decoupling
10108	20108	REPOB1332	37S-1200		2nd IF Decoupling
10109	20109	REPOB1333	37S-1200		2nd IF Decoupling
10110	20110	REPOB1334	37S-1200		2nd IF Decoupling
10111	20111	REPOB1335	37S-1200		2nd IF Decoupling
10112	20112	REPOB1336	37S-1200		2nd IF Decoupling
10113	20113	REPOB1337	37S-1200		2nd IF Decoupling
10114	20114	REPOB1338	37S-1200		2nd IF Decoupling
10115	20115	REPOB1339	37S-1200		2nd IF Decoupling
10116	20116	REPOB1340	37S-1200		2nd IF Decoupling
10117	20117	REPOB1341	37S-1200		2nd IF Decoupling
10118	20118	REPOB1342	37S-1200		2nd IF Decoupling
10119	20119	REPOB1343	37S-1200		2nd IF Decoupling
10120	20120	REPOB1344	37S-1200		2nd IF Decoupling
10121	20121	REPOB1345	37S-1200		2nd IF Decoupling
10122	20122	REPOB1346	37S-1200		2nd IF Decoupling
10123	20123	REPOB1347	37S-1200		2nd IF Decoupling
10124	20124	REPOB1348	37S-1200		2nd IF Decoupling
10125	20125	REPOB1349	37S-1200		2nd IF Decoupling
10126	20126	REPOB1350	37S-1200		2nd IF Decoupling
10127	20127	REPOB1351	37S-1200		2nd IF Decoupling
10128	20128	REPOB1352	37S-1200		2nd IF Decoupling
10129	20129	REPOB1353	37S-1200		2nd IF Decoupling
10130	20130	REPOB1354	37S-1200		2nd IF Decoupling
10131	20131	REPOB1355	37S-1200		2nd IF Decoupling
10132	20132	REPOB1356	37S-1200		2nd IF Decoupling
10133	20133	REPOB1357	37S-1200		2nd IF Decoupling
10134	20134	REPOB1358	37S-1200		2nd IF Decoupling
10135	20135	REPOB1359	37S-1200		2nd IF Decoupling
10136	20136	REPOB1360	37S-1200		2nd IF Decoupling
10137	20137	REPOB1361	37S-1200		2nd IF Decoupling
10138	20138	REPOB1362	37S-1200		2nd IF Decoupling
10139	20139	REPOB1363	37S-1200		2nd IF Decoupling
10140	20140	REPOB1364	37S-1200		2nd IF Decoupling
10141	20141	REPOB1365	37S-1200		2nd IF Decoupling
10142	20142	REPOB1366	37S-1200		2nd IF Decoupling
10143	20143	REPOB1367	37S-1200		2nd IF Decoupling
10144	20144	REPOB1368	37S-1200		2nd IF Decoupling
10145	20145	REPOB1369	37S-1200		2nd IF Decoupling
10146	20146	REPOB1370	37S-1200		2nd IF Decoupling
10147	20147	REPOB1371	37S-1200		2nd IF Decoupling
10148	20148	REPOB1372	37S-1200		2nd IF Decoupling
10149	20149	REPOB1373	37S-1200		2nd IF Decoupling
10150	20150	REPOB1374	37S-1200		2nd IF Decoupling
10151	20151	REPOB1375	37S-1200		2nd IF Decoupling
10152	20152	REPOB1376	37S-1200		2nd IF Decoupling
10153	20153	REPOB1377	37S-1200		2nd IF Decoupling
10154	20154	REPOB1378	37S-1200		2nd IF Decoupling
10155	20155	REPOB1379	37S-1200		2nd IF Decoupling
10156	20156	REPOB1380	37S-1200		2nd IF Decoupling
10157	20157	REPOB1381	37S-1200		2nd IF Decoupling
10158	20158	REPOB1382	37S-1200		2nd IF Decoupling
10159	20159	REPOB1383	37S-1200		2nd IF Decoupling
10160	20160	REPOB1384	37S-1200		2nd IF Decoupling
10161	20161	REPOB1385	37S-1200		2nd IF Decoupling
10162	20162	REPOB1386	37S-1200		2nd IF Decoupling
10163	20163	REPOB1387	37S-1200		2nd IF Decoupling
10164	20164	REPOB1388	37S-1200		2nd IF Decoupling
10165	20165	REPOB1389	37S-1200		2nd IF Decoupling
10166	20166	REPOB1390	37S-1200		2nd IF Decoupling
10167	20167	REPOB1391	37S-1200		2nd IF Decoupling
10168	20168	REPOB1392	37S-1200		2nd IF Decoupling
10169	20169	REPOB1393	37S-1200		2nd IF Decoupling
10170	20170	REPOB1394	37S-1200		2nd IF Decoupling
10171	20171	REPOB1395	37S-1200		2nd IF Decoupling
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10175	20175	REPOB1399	37S-1200		2nd IF Decoupling
10176	20176	REPOB1400	37S-1200		2nd IF Decoupling
10177	20177	REPOB1401	37S-1200		2nd IF Decoupling
10178	20178	REPOB1402	37S-1200		2nd IF Decoupling
10179	20179	REPOB1403	37S-1200		2nd IF Decoupling
10180	20180	REPOB1404	37S-1200		2nd IF Decoupling
10181	20181	REPOB1405	37S-1200		2nd IF Decoupling
10182	20182	REPOB1406	37S-1200		2nd IF Decoupling
10183	20183	REPOB1407	37S-1200		2nd IF Decoupling
10184	20184	REPOB1408	37S-1200		2nd IF Decoupling
10185	20185	REPOB1409	37S-1200		2nd IF Decoupling
10186	20186	REPOB1410	37S-1200		2nd IF Decoupling
10187	20187	REPOB1411	37S-1200		2nd IF Decoupling
10188	20188	REPOB1412	37S-1200		2nd IF Decoupling
10189	20189	REPOB1413	37S-1200		2nd IF Decoupling
10190	20190	REPOB1414	37S-1200		2nd IF Decoupling
10191	20191	REPOB1415	37S-1200		2nd IF Decoupling
10192					

Note. Some models use two 472 resistors in parallel.
*Not used for all models.

PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (POWER)

ITEM No.		RATING				REPLACEMENT DATA		REPLACEMENT DATA		REPLACEMENT DATA		REPLACEMENT DATA	
		PH	SEC. 1	SEC. 2	SEC. 3	HALL CHARTERS PART No.	STANCOE PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	INSTALLATION NOTES	
T1	11740	850VAC	5VAC	6 VAC	6 VAC	820141		P-4374 *	PH-200 *				
		1.98A	1.14A		4.7A								
F	115/220					820131							
		1.5/2.0											
		WAC											
		25/30											
		0.06183											

* Add series resistor to reduce plate voltage.

TRANSFORMER (OUTPUT)

ITEM No.		RATING				REPLACEMENT DATA				REPLACEMENT DATA		REPLACEMENT DATA	
		IMPEDANCE	DC RES.	DC RES.	DC RES.	STANCOE PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	INSTALLATION NOTES	
T2	60000	80000	4400	2700	558077								
		240	1.40A	1.40A	1.40A								

FILTER CHOKE

ITEM No.		RATINGS				REPLACEMENT DATA				REPLACEMENT DATA		REPLACEMENT DATA	
		TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTIVE REACTANCE (1000 Hz)	CHARTERS PART No.	STANCOE PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	INSTALLATION NOTES	
L1	1000A	2500	175	548077									

R F COILS

ITEM No.		REPLACEMENT DATA				REPLACEMENT DATA		REPLACEMENT DATA		REPLACEMENT DATA		REPLACEMENT DATA	
		USE	DC RES.	DC RES.	DC RES.	CHARTERS PART No.	STANCOE PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	CHICAGO PART No.	INSTALLATION NOTES	
L2	Ant. Coil	02	02	02	02	51B325							
L3	Ant. Coil	02	02	02	02	51B325							
L4	Ant. Coil	02	02	02	02	51B325							
L5	Ant. Coil	02	02	02	02	51B325							
L6	Ant. Coil	02	02	02	02	51B325							
L7	Ant. Coil	02	02	02	02	51B325							
L8	Ant. Coil	02	02	02	02	51B325							
L9	Ant. Coil	02	02	02	02	51B325							
L10	Ant. Coil	02	02	02	02	51B325							
L11	Ant. Coil	02	02	02	02	51B325							
L12	Ant. Coil	02	02	02	02	51B325							
L13	Ant. Coil	02	02	02	02	51B325							
L14	Ant. Coil	02	02	02	02	51B325							
L15	Ant. Coil	02	02	02	02	51B325							
L16	Ant. Coil	02	02	02	02	51B325							
L17	Ant. Coil	02	02	02	02	51B325							
L18	Ant. Coil	02	02	02	02	51B325							
L19	Ant. Coil	02	02	02	02	51B325							
L20	Ant. Coil	02	02	02	02	51B325							
L21	Ant. Coil	02	02	02	02	51B325							
L22	Ant. Coil	02	02	02	02	51B325							
L23	Ant. Coil	02	02	02	02	51B325							
L24	Ant. Coil	02	02	02	02	51B325							
L25	Ant. Coil	02	02	02	02	51B325							
L26	Ant. Coil	02	02	02	02	51B325							
L27	Ant. Coil	02	02	02	02	51B325							
L28	Ant. Coil	02	02	02	02	51B325							
L29	Ant. Coil	02	02	02	02	51B325							
L30	Ant. Coil	02	02	02	02	51B325							
L31	Ant. Coil	02	02	02	02	51B325							
L32	Ant. Coil	02	02	02	02	51B325							
L33	Ant. Coil	02	02	02	02	51B325							
L34	Ant. Coil	02	02	02	02	51B325							
L35	Ant. Coil	02	02	02	02	51B325							
L36	Ant. Coil	02	02	02	02	51B325							
L37	Ant. Coil	02	02	02	02	51B325							
L38	Ant. Coil	02	02	02	02	51B325							
L39	Ant. Coil	02	02	02	02	51B325							
L40	Ant. Coil	02	02	02	02	51B325							
L41	Ant. Coil	02	02	02	02	51B325							
L42	Ant. Coil	02	02	02	02	51B325							
L43	Ant. Coil	02	02	02	02	51B325							
L44	Ant. Coil	02	02	02	02	51B325							
L45	Ant. Coil	02	02	02	02	51B325							
L46	Ant. Coil	02	02	02	02	51B325							
L47	Ant. Coil	02	02	02	02	51B325							
L48	Ant. Coil	02	02	02	02	51B325							
L49	Ant. Coil	02	02	02	02	51B325							
L50	Ant. Coil	02	02	02	02	51B325							
L51	Ant. Coil	02	02	02	02	51B325							
L52	Ant. Coil	02	02	02	02	51B325							
L53	Ant. Coil	02	02	02	02	51B325							
L54	Ant. Coil	02	02	02	02	51B325							
L55	Ant. Coil	02	02	02	02	51B325							
L56	Ant. Coil	02	02	02	02	51B325							
L57	Ant. Coil	02	02	02	02	51B325							
L58	Ant. Coil	02	02	02	02	51B325							
L59	Ant. Coil	02	02	02	02	51B325							
L60	Ant. Coil	02	02	02	02	51B325							
L61	Ant. Coil	02	02	02	02	51B325							
L62	Ant. Coil	02	02	02	02	51B325							
L63	Ant. Coil	02	02	02	02	51B325							
L64	Ant. Coil	02	02	02	02	51B325							
L65	Ant. Coil	02	02	02	02	51B325							
L66	Ant. Coil	02	02	02	02	51B325							
L67	Ant. Coil	02	02	02	02	51B325							
L68	Ant. Coil	02	02	02	02	51B325							
L69	Ant. Coil	02	02	02	02	51B325							
L70	Ant. Coil	02	02	02	02	51B325							
L71	Ant. Coil	02	02	02	02	51B325							
L72	Ant. Coil	02	02	02	02	51B325							
L73	Ant. Coil	02	02	02	02	51B325							
L74	Ant. Coil	02	02	02	02	51B325							
L75	Ant. Coil	02	02	02	02	51B325							
L76	Ant. Coil	02	02	02	02	51B325							
L77	Ant. Coil	02	02	02	02	51B325							
L78	Ant. Coil	02	02	02	02	51B325							
L79	Ant. Coil	02	02	02	02	51B325							
L80	Ant. Coil	02	02	02	02	51B325							
L81	Ant. Coil	02	02	02	02	51B325							
L82	Ant. Coil	02	02	02	02	51B325							
L83	Ant. Coil	02	02	02	02	51B325							
L84	Ant. Coil	02	02	02	02	51B325							
L85	Ant. Coil	02	02	02	02	51B325							
L86	Ant. Coil	02	02	02	02	51B325							
L87	Ant. Coil	02	02	02	02	51B325							
L88	Ant. Coil	02	02	02	02	51B325							
L89	Ant. Coil	02	02	02	02	51B325							
L90	Ant. Coil	02	02	02	02	51B325							
L91	Ant. Coil	02	02	02	02	51B325							
L92	Ant. Coil	02	02	02	02	51B325							
L93	Ant. Coil	02	02	02	02	51B325							
L94	Ant. Coil	02	02	02	02	51B325							
L95	Ant. Coil	02	02	02	02	51B325							
L96	Ant. Coil	02	02	02	02	51B325							
L97	Ant. Coil	02	02	02	02	51B325							
L98	Ant. Coil	02	02	02	02	51B325							
L99	Ant. Coil	02	02	02	02	51B325							
L100	Ant. Coil	02	02	02	02	51B325							
L101	Ant. Coil	02	02	02	02	51B325							
L102	Ant. Coil	02	02	02	02	51B325							
L103	Ant. Coil	02	02	02	02	51B325							
L104	Ant. Coil	02	02	02	02	51B325							
L105	Ant. Coil	02	02	02	02	51B325							
L106	Ant. Coil	02	02	02	02	51B325							
L107	Ant. Coil	02	02	02	02	51B325							
L108	Ant. Coil	02	02	02	02	51B325							
L109	Ant. Coil	02	02	02	02	51B325							
L110	Ant. Coil	02	02	02	02	51B325							
L111	Ant. Coil	02	02	02	02	51B325							
L112	Ant. Coil	02	02	02	02	51B325							
L113	Ant. Coil	02	02	02	02	51B325							
L114	Ant. Coil	02	02	02	02	51B325							
L115	Ant. Coil	02	02	02	02	51B325							
L116	Ant. Coil	02	02	02	02	51B325							
L117	Ant. Coil	02	02	02	02	51B325							
L118	Ant. Coil	02	02	02	02	51B325							
L119	Ant. Coil	02	02	02	02	51B325							
L120	Ant. Coil	02	02	02	02	51B325							
L121	Ant. Coil	02	02	02	02	51B325							
L122	Ant. Coil	02	02	02	02	51B325							
L123	Ant. Coil	02	02	02	02	51B325							
L124	Ant. Coil	02	02	02	02	51B325							
L125	Ant. Coil	02	02	02	02	51B325							
L126	Ant. Coil	02	02	02	02	51B325							
L127	Ant. Coil	02	02	02	02	51B325							
L128	Ant. Coil	02	02	02	02	51B325							
L129	Ant. Coil	02	02	02	02	51B325							
L130	Ant. Coil	02	02	02	02	51B325							
L131	Ant. Coil	02	02	02	02	51B325							
L132	Ant. Coil	02	02	02	02	51B325							
L133	Ant. Coil	02	02	02									

PARTS LIST AND DESCRIPTIONS (Continued)

ITEM No.	BATING CAR.	BATING VOL.	HALL TRAPT. PART No.	ARBOVEX PART No.	CONV.ILL DUBILER PART No.	EMI PART No.	SCAR PART No.	SPRAGUE PART No.	IDENTIFICATION CODES AND INSTALLATION NOTES
044	00	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
045	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
046	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
047	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
048	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
049	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
050	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
051	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
052	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
053	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
054	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
055	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
056	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
057	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
058	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
059	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
060	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
061	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
062	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
063	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
064	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
065	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
066	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
067	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
068	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
069	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
070	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
071	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
072	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
073	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
074	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
075	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
076	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
077	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
078	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
079	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
080	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
081	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
082	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
083	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
084	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
085	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
086	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
087	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
088	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
089	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
090	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
091	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
092	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
093	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
094	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
095	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
096	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
097	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
098	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
099	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass
100	000	000	4042153-01	1088-02	CT332		SP-6-02	PM-12	1st IF Screen Bypass

CONTROLS

RATING			REPLACEMENT DATA		CLASS/STAT PART No.	INSTALLATION NOTES
ITEM No.	RESIST ANCE	WATTS	PART No.	IPC PART No.		
1	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
2	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
3	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
4	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
5	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
6	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
7	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
8	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
9	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
10	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
11	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
12	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
13	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
14	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
15	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
16	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
17	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
18	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
19	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
20	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
21	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
22	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
23	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
24	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
25	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
26	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
27	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
28	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
29	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
30	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
31	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
32	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
33	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
34	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
35	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
36	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
37	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
38	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
39	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
40	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
41	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
42	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
43	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
44	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
45	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
46	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
47	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
48	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
49	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
50	1000	100	256-648	20-5-187	Not Req.	TO BE CONT'D
51	1000	1				

RESISTORS

[illegible]

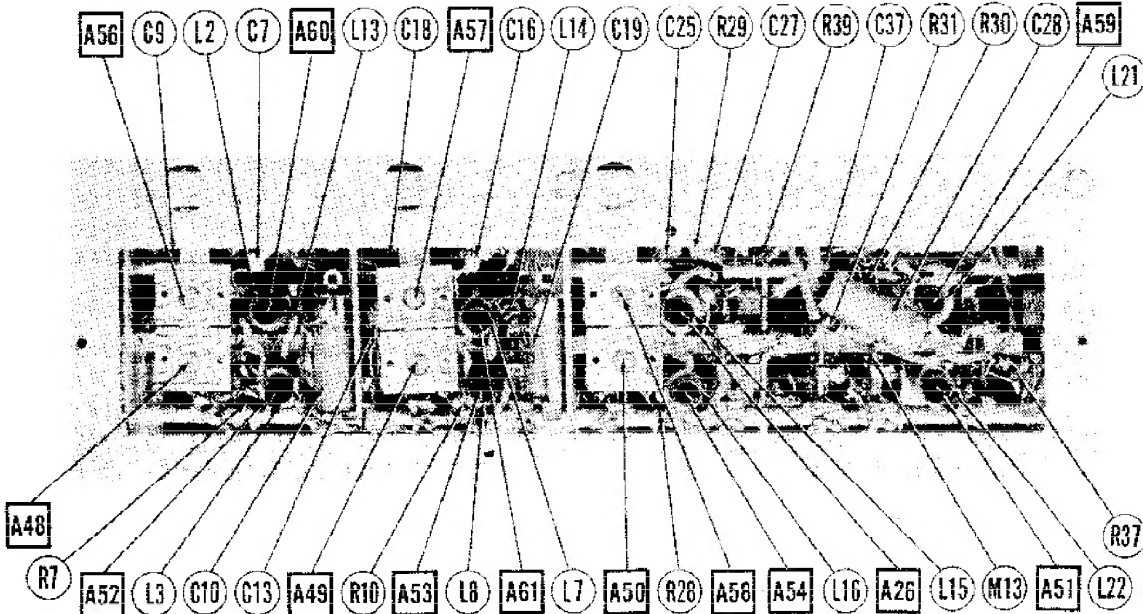
PARTS LIST AND DESCRIPTIONS (Continued)

DIAL LIGHTS

ITEM No.	BASE TYPE	VOLTS	AMPS.	REPLACEMENT DATA		NOTES
				BEAD COLOR	BEAD PART No.	
14	Bayonet	6-8V	0.35A	Blue		Type #54
15						
16						

MISCELLANEOUS

ITEM No.	PART NAME	REL. INPAT. TERE PAR. No.	NOTES
103	SW. LCH	635029	Selector
104	"	634139	Switch
105	"	634138	SW. LCH
106	"	634138	SW. LCH
107	"	635030	SW. LCH
108	"	634139	SW. LCH
109	"	634139	SW. LCH
110	"	634139	SW. LCH
111	"	634139	SW. LCH
112	"	634139	SW. LCH
113	"	634139	SW. LCH
114	"	634139	SW. LCH
115	"	634139	SW. LCH
116	"	634139	SW. LCH
117	"	634139	SW. LCH
118	"	634139	SW. LCH
119	"	634139	SW. LCH
120	"	634139	SW. LCH
121	"	634139	SW. LCH
122	"	634139	SW. LCH
123	"	634139	SW. LCH
124	"	634139	SW. LCH
125	"	634139	SW. LCH
126	"	634139	SW. LCH
127	"	634139	SW. LCH
128	"	634139	SW. LCH
129	"	634139	SW. LCH
130	"	634139	SW. LCH
131	"	634139	SW. LCH
132	"	634139	SW. LCH
133	"	634139	SW. LCH
134	"	634139	SW. LCH
135	"	634139	SW. LCH
136	"	634139	SW. LCH
137	"	634139	SW. LCH
138	"	634139	SW. LCH
139	"	634139	SW. LCH
140	"	634139	SW. LCH
141	"	634139	SW. LCH
142	"	634139	SW. LCH
143	"	634139	SW. LCH
144	"	634139	SW. LCH
145	"	634139	SW. LCH
146	"	634139	SW. LCH
147	"	634139	SW. LCH
148	"	634139	SW. LCH
149	"	634139	SW. LCH
150	"	634139	SW. LCH
151	"	634139	SW. LCH
152	"	634139	SW. LCH
153	"	634139	SW. LCH
154	"	634139	SW. LCH
155	"	634139	SW. LCH
156	"	634139	SW. LCH
157	"	634139	SW. LCH
158	"	634139	SW. LCH
159	"	634139	SW. LCH
160	"	634139	SW. LCH
161	"	634139	SW. LCH
162	"	634139	SW. LCH
163	"	634139	SW. LCH
164	"	634139	SW. LCH
165	"	634139	SW. LCH
166	"	634139	SW. LCH
167	"	634139	SW. LCH
168	"	634139	SW. LCH
169	"	634139	SW. LCH
170	"	634139	SW. LCH
171	"	634139	SW. LCH
172	"	634139	SW. LCH
173	"	634139	SW. LCH
174	"	634139	SW. LCH
175	"	634139	SW. LCH
176	"	634139	SW. LCH
177	"	634139	SW. LCH
178	"	634139	SW. LCH
179	"	634139	SW. LCH
180	"	634139	SW. LCH
181	"	634139	SW. LCH
182	"	634139	SW. LCH
183	"	634139	SW. LCH
184	"	634139	SW. LCH
185	"	634139	SW. LCH
186	"	634139	SW. LCH
187	"	634139	SW. LCH
188	"	634139	SW. LCH
189	"	634139	SW. LCH
190	"	634139	SW. LCH
191	"	634139	SW. LCH
192	"	634139	SW. LCH
193	"	634139	SW. LCH
194	"	634139	SW. LCH
195	"	634139	SW. LCH
196	"	634139	SW. LCH
197	"	634139	SW. LCH
198	"	634139	SW. LCH
199	"	634139	SW. LCH
200	"	634139	SW. LCH



ALIGNMENT INSTRUCTIONS

IF ALIGNMENT

Pre-set the front panel controls as follows:							
Receive/standby	Receive	Calibration	Off	Noise Limiter	Off	Volume	Near Maximum
Reception	AM	Selectivity	Normal/Sharp	Sensitivity	Near Maximum		
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1. 1MFD	High side to Pin 1 (Grid) 7F8 (V4), Low side to chassis	455KC	Band 1	1000KC	Across voice coil	A1, A2, A3, A4, A5, A6, A8	Adjust for maximum output.
2. Set reception switch at "CW" and adjust A7 for 100% note.							
3. Set selectivity control to crystal/broad. Turn A4 slowly in one direction across the resonant setting obtained above and "rock" the signal generator observing the dip in the output meter reading. The correct setting of A4 is in center of the observed dip. Set the signal generator at the weaker of the two peaks obtained on either side of zero beat and adjust A8 (crystal phasing trimmer) for the null.							
4. Set selectivity control to crystal/sharp and A9 near minimum capacity. Slowly increase its capacity while "rocking" the signal generator and adjust for maximum output. If any be necessary to reduce the signal generator input and the receiver sensitivity to prevent overloading, after peaking A9, turn it in until a 2 db. drop in output occurs.							
5. Tune signal generator to the exact crystal frequency and note output meter reading. Set selectivity control to crystal/broad position and note the drop in output reading. Switch to crystal/medium position and with A10 pre-set near minimum capacity, slowly increase its capacity, while "rocking" the signal generator, until output meter reads half way between output readings obtained in the sharp crystal and broad crystal positions.							
6. Set reception switch to "AM" and the selectivity control to crystal/sharp and set signal generator to the exact crystal frequency. Switch to normal/sharp position and reset A1, A2, A3, A5, A6, and A11 for maximum output.							
7. Set reception switch to "CW" and adjust A7 for zero beat.							
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
8. 1MFD	High side to Pin 1 (Grid) 7F8 (V4), Low side to chassis.	10.0MC (400K) 7AM	Band 3	Mid Scale	Across voice coil	A12, A13, A14, A15, A16	Adjust for maximum output.
9. 1MFD	"	"	"	"	"	A17, A18	Adjust for maximum output. Do not readjust A12 thru A16.
10. Remove 400K modulation and set reception control to "CW". Adjust A19 for zero beat.							
11. Add 400K modulation, turn reception control to "AM" and adjust A20 for maximum output.							
12. Adjust A21 for the null or minimum indication on the output meter. Slowly tune signal generator thru 10.770 and note the two maximum readings on the output meter. If the peaks are equal, the discriminator transformer is properly aligned. If not, it may be necessary to readjust A20 until reasonable balance is obtained.							

Connect signal generator high side thru RMA dummy to A-1 on antenna terminal strip and place a jumper across the "A-2" and "GND" terminals. Use only enough signal from generator to give a 500 milliwatt output reading for best results.

The RMA dummy antenna consists of a 200MMF capacitor in series with a 200H. RF choke which is shunted by a 400MΩ capacitor in series with a 400K ohm resistor.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
13. RMA Dummy	High side to "A-1" on Ant. terminal strip. Low side to chassis.	1500KC	Band 1	1500KC	Across voice coil	A22, A23, A24, A25, A26	Adjust for maximum output.
14. RMA Dummy	"	600KC	"	600KC	"	"	"
15. RMA Dummy	"	4.5MC	Band 2	4.5MC	"	A27, A28, A29	"
16. RMA Dummy	"	2.0MC	"	2.0MC	"	A30	"
17. RMA Dummy	"	14.0MC	Band 3	14.0MC	"	A31, A32, A33, A34	"
18. RMA Dummy	"	7.0MC	"	7.0MC	"	A35, A36, A37, A38	"
19. RMA Dummy	"	28.0MC	Band 4	28.0MC	"	A39, A40, A41, A42	"
20. RMA Dummy	"	10.0MC	"	10.0MC	"	A43, A44, A45, A46	"
21. 300Ω carbon res.	High side thru 300Ω to "A-1". Low side to chassis.	50.0MC	Band 5	50.0MC	"	A47, A48, A49, A50	"
22. 300Ω carbon res.	"	30.0MC	"	30.0MC	"	A51, A52, A53, A54	"
23. 300Ω carbon res.	"	105MC	Band 6	105MC	"	A55, A56, A57, A58	"
24. 300Ω carbon res.	"	60MC	"	60MC	"	A59, A60, A61, A62	"

VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	6X4	00VDC	0V	0V	6.8VAC	00VDC	-1.4VDC	0V	
2	6AG5	0V	1.6VDC	0V	6.8VAC	000VDC	100VDC	1.6VDC	
3	6AG5	-1.1VDC	1.6VDC	0V	6.8VAC	040VDC	100VDC	1.6VDC	
4	7H2	-0.0VDC	0V	00VDC	1VDC	0V	125VDC	8.8VAC	9-2.4VDC
5	6SK7	0V	6.8VAC	0V	0V	8.8VDC	100VDC	0V	040VDC
6	6X4	0V	6.8VAC	0.0VDC	0V	8.8VDC	140VDC	0V	040VDC
7	7H2	0V	000VDC	000VDC	0V	0V	0V	2.0VDC	6.0VDC
8	7H2	0V	00VDC	00VDC	0V	0V	-1.8VDC	0V	6.8VAC
9	6H6	0V	0V	-5.7VDC	1.8VDC	-1.8VDC	0V	6.8VAC	0V
10	6H6	0V	100VDC	0V	0V	0V	16.5VDC	040VDC	6.8VAC
11	6H6	0V	0V	1.8VDC	1.8VDC	0V	0VDC	1.8VAC	0V
12	6X4	0V	00VDC	0VDC	0V	00VDC	0VDC	6.8VAC	0V
13	6H6	0V	0V	000VDC	040VDC	0V	0V	6.8VAC	0.0VDC
14	6H6	0V	0V	000VDC	040VDC	0V	0V	6.8VAC	14.5VDC
15	000VDC	14.5VDC	0V	150VDC	0V	150VDC	0V	150VDC	0V
16	6H6	0V	000VDC	0V	000VDC	0V	000VDC	000VDC	000VDC

‡ TAKEN WITH VACUUM TUBE VOLTMETER.

RESISTANCE READINGS

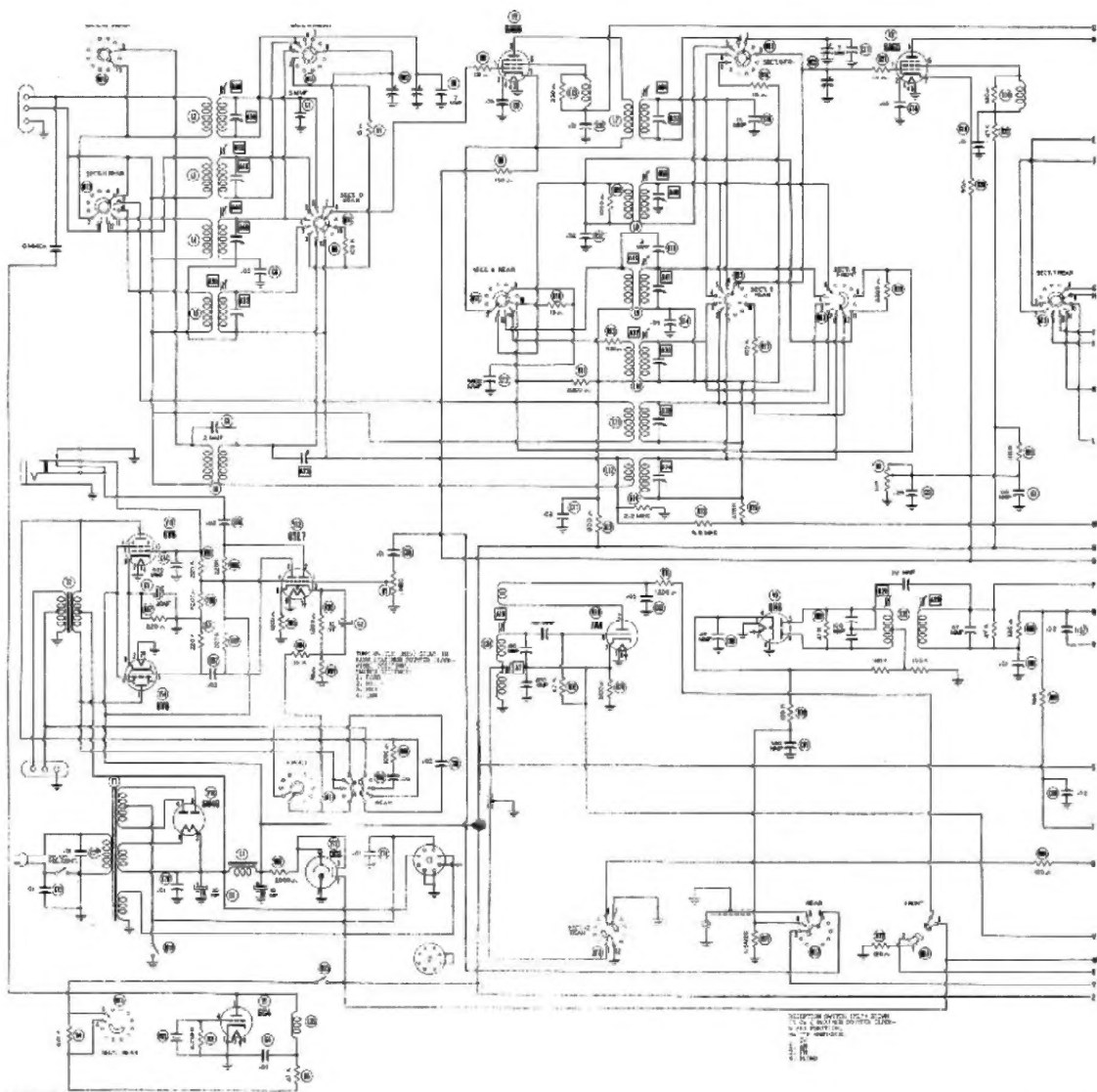
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	6X4	*500KΩ	0Ω	0Ω	0Ω	*500KΩ	4.7 Meg	0Ω	
2	6AG5	2. Meg	Inf.	0Ω	0Ω	*5.5KΩ	*5.5KΩ	170Ω	
3	6AG5	1.5KΩ	1KΩ	0Ω	0Ω	*1.5KΩ	*47KΩ	170Ω	
4	7H2	2.2 Meg	0Ω	*50KΩ	100Ω	0Ω	*50Ω	0Ω	100Ω
5	6SK7	0Ω	0Ω	0Ω	*1.5KΩ	270Ω	*500Ω	0Ω	*1.5KΩ
6	6SK7	0Ω	0Ω	0Ω	2.5 Meg	150Ω	0Ω	0Ω	*1.5KΩ
7	7H2	0Ω	*11KΩ	*50KΩ	0Ω	0Ω	2.2 Meg	1.0KΩ	0Ω
8	7H2	0Ω	*50KΩ	*50KΩ	0Ω	0Ω	040KΩ	0Ω	0Ω
9	6H6	0Ω	0Ω	100KΩ	200KΩ	100KΩ	Inf.	0Ω	0Ω
10	6H6	0Ω	*100KΩ	10Ω	0Ω	Inf.	040Ω	0Ω	0Ω
11	6H6	0Ω	0Ω	2.0KΩ	1.7 Meg	Inf.	150Ω	2.2Ω	100Ω
12	6H6	1 Meg	*200KΩ	1.5KΩ	8.2KΩ	000KΩ	1.2KΩ	0Ω	0Ω
13	6H6	0Ω	0Ω	*200Ω	*200Ω	200KΩ	10KΩ	0Ω	200Ω
14	6H6	0Ω	0Ω	*200Ω	*200Ω	200KΩ	150Ω	0Ω	200Ω
15	000VDC	*2.2KΩ	0Ω	*2.2KΩ	200KΩ	*2.2KΩ	Inf.	*2.2KΩ	Inf.
16	6H6	Inf.	50KΩ	Inf.	0Ω	Inf.	0Ω	45KΩ	50KΩ

‡ VOLTAGE AND RESISTANCE READINGS TAKEN IN FM POSITION.

* Measured from pin 5 of V16 (6H6).

† Taken in Band 2 position.

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.



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VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	604	00VDC	0V	0V	6.8VAC	00VDC	-1.4VDC	0V	
2	6AC5	0V	1.6VDC	0V	6.8VAC	000VDC	100VDC	1.6VDC	
3	6AC5	-1.1VDC	1.6VDC	0V	6.8VAC	040VDC	100VDC	1.6VDC	
4	7H2	-0.0VDC	0V	00VDC	1VDC	0V	125VDC	8.8VAC	9-2.4VDC
5	68K7	0V	6.8VAC	0V	0V	8.8VDC	100VDC	0V	040VDC
6	68K7	0V	6.8VAC	0.0VDC	0V	8.8VDC	140VDC	0V	040VDC
7	7H2	0V	000VDC	000VDC	0V	0V	0V	2.0VDC	6.0VDC
8	7H2	0V	00VDC	00VDC	0V	0V	-1.8VDC	0V	6.8VAC
9	68K	0V	0V	-5.7VDC	1.8VDC	-1.8VDC	0V	6.8VAC	0V
10	7H2	0V	100VDC	0V	0V	0V	16.5VDC	040VDC	6.8VAC
11	68K	0V	0V	1.8VDC	1.8VDC	0V	0VDC	1.8VAC	0V
12	68K7	0V	00VDC	0VDC	0V	00VDC	0VDC	6.8VAC	0V
13	68K7	0V	0V	00VDC	040VDC	0V	0V	6.8VAC	0.0VDC
14	68K7	0V	0V	000VDC	040VDC	0V	0V	6.8VAC	14.5VDC
15	000V/VR-100	14.5VDC	0V	150VDC	0V	150VDC	0V	150VDC	0V
16	68K	0V	00VDC	0V	000VDC	0V	00VAC	00VDC	000VDC

‡ TAKEN WITH VACUUM TUBE VOLTMETER.

RESISTANCE READINGS

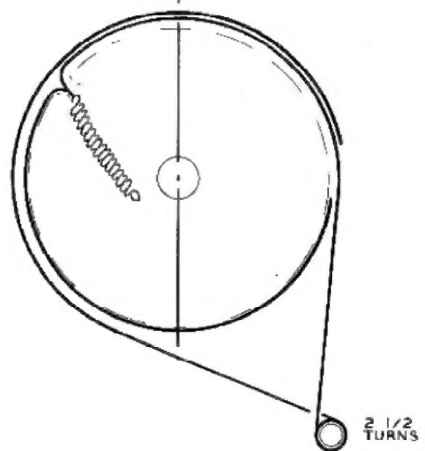
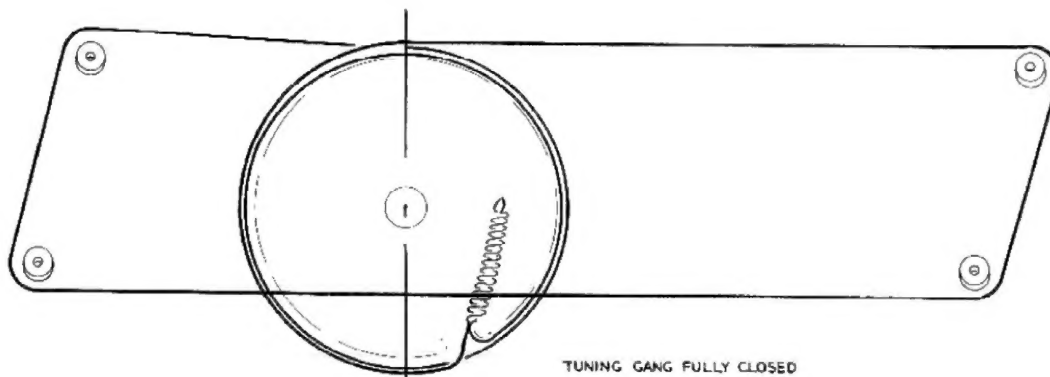
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	604	*500KΩ	0Ω	0Ω	0Ω	*500KΩ	4.7 Meg	0Ω	
2	6AC5	2.0Meg	Inf.	0Ω	0Ω	*5.0KΩ	*5.0KΩ	170Ω	
3	6AC5	1.0KΩ	10Ω	0Ω	0Ω	*1.0KΩ	*47KΩ	170Ω	
4	7H2	2.0 Meg	0Ω	*50KΩ	100Ω	0Ω	*50Ω	0Ω	100Ω
5	68K7	0Ω	0Ω	0Ω	*1.0 Meg	070Ω	*00KΩ	0Ω	*1.0KΩ
6	68K7	0Ω	0Ω	0Ω	2.0 Meg	100Ω	00KΩ	0Ω	*1.0KΩ
7	7H2	0Ω	*11KΩ	*50KΩ	0Ω	0Ω	2.0 Meg	1.0KΩ	0Ω
8	7H2	0Ω	*50KΩ	*50KΩ	0Ω	0Ω	040KΩ	0Ω	0Ω
9	68K	0Ω	0Ω	100KΩ	200KΩ	100KΩ	Inf.	0Ω	0Ω
10	7H2	0Ω	*100KΩ	10Ω	0Ω	Inf.	040Ω	0Ω	0Ω
11	68K	0Ω	0Ω	2.0Meg	1.0 Meg	Inf.	100Ω	2.0Ω	100Ω
12	68K7	1.0 Meg	*200KΩ	1.0KΩ	0.0KΩ	00KΩ	1.0KΩ	0Ω	0Ω
13	68K7	0Ω	0Ω	*200Ω	*00KΩ	00KΩ	10KΩ	0Ω	00Ω
14	68K7	0Ω	0Ω	*00KΩ	*00KΩ	00KΩ	100Ω	0Ω	00Ω
15	000V/VR-100	*2.0KΩ	0Ω	*2.0KΩ	00KΩ	*2.0KΩ	Inf.	*2.0KΩ	Inf.
16	68K	Inf.	00KΩ	Inf.	0Ω	Inf.	0Ω	40KΩ	00KΩ

‡ VOLTAGE AND RESISTANCE READINGS TAKEN IN FM POSITION.

* Measured from pin 5 of V16 (6L6).

† Taken in Band 2 position.

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms.
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DIAL CORD DRIVE